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MAP FINDINGS

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AK194 NEW YORK AQUARIUM / SURF AVENUE PLUME TRACKDOWN NY Spills S108130411  
SSE 801-803 SURF AVE  
1/4-1/2 BROOKLYN, NY  
0.328 mi.  
1733 ft. Site 2 of 2 in cluster AK

Relative:  
Higher

Actual:  
3 ft.

SPILLS:

Name: NEW YORK AQUARIUM / SURF AVENUE PLUME TRACKDOWN  
Address: 801-803 SURF AVE  
City,State,Zip: BROOKLYN, NY  
Spill Number/Closed Date: 0606160 / Not Reported  
Facility ID: 0606160  
Facility Type: ER  
DER Facility ID: 319346  
Site ID: 369464  
DEC Region: 2  
Spill Cause: Other  
Spill Class: C4  
SWIS: 2401  
Spill Date: 2006-08-29  
Investigator: HRAHMED  
Referred To: Not reported  
Reported to Dept: 2006-08-29  
CID: 444  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 5  
Date Entered In Computer: 2006-08-29  
Spill Record Last Update: 2011-11-03  
Spiller Name: MEL PETTIT  
Spiller Company: NEW YORK AQUARIUM  
Spiller Address: BROADWALK/WEST 8TH STREET  
Spiller Company: 999  
Contact Name: BRENDA  
DEC Memo: "08/29/06-Vought-Info received from DEC Sangesland: Two (10000-gallon) tanks previously abandoned with water were discovered. Harbor Environmental (Mike Alletto 516-609-9800x11 fax 516-608-9802). 09/05/06-Vought-Site visit by Vought with Harbor(Aletto), Wildlife Conservation Society (WCS) Burbach and WCS Paul Boyle (Director) of NY Aquarium. Vought changed spill address to Surf Ave at West 8th Street. Oil impacted walrus pool. Very small amount of oil was detected in bottom of pool (1 patch in seam) and product tested positive as petroleum. Walruses currently in pool as NY Aquarium Animal Dept. gave approval. No further seepage detected. Site constrained by building to the north and west, dolphin stadium seating to the east and permanent wood display fence to the south.  
  
Abandoned tanks were formerly used for #4 to heating but Aquarium is now using natural gas. Abandoned tanks had direct fill ports. GPR survey was performed by Harbor and USTs were detected and confirmed by hand excavation. Site also has one (5000-gallon) UST used for emergency generator in another separate location. Excavation was performed to top of both tanks but no samples collected to date. Water and debris was present in USTs. Product was also found emanating from a plastic PVC pipe in the boiler room. Plastic pipe

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came through wall under former #4 supply and return locations. Discharge point of pipe also not known. Harbor will perform soil and groundwater delineation of all four sides of tank with particular focus on location between walrus pool and UST pad and also between UST pad and boiler room. DEC REQUIRES: 1)delineation of soil and possible groundwater contamination with one boring located between former UST location and walrus exhibit and one boring located between the former UST location and the boiler room 2)investigation of effluent and source of plastic PVC pipe 3)endpoint sample collection if additional excavation will be performed 4)updating of PBS registration (registration shows one 10,000-gallon #2 fuel oil UST in service, one 550-gallon UST in service and one 550-gallon gasoline closed/removed in 1996). Vought sent letter with above requirements and two month due date to: Brenda J. Burbach Wildlife Conservation Society 2300 Southern Boulevard Bronx, NY 104600 Fax: (718) 220-7114 10/11/06-Vought-Spoke to Alletto and product found between former UST location and building. Groundwater at 6-7' below grade. Eight borings were performed. Pipe in basement was opened and water and six oil came running through pipe. 10/19/06-Vought-Received email and preliminary investigation results from Aletto. Nine borings were installed and free product was noted in B2 (at abandoned tank location) and soil contamination was also noted in B4. 11/7/06-Vought-Received call and spoke to Harbor Alletto. Site was visited when walrus pool was empty and sheen was coming out cracks in the pool. Oil was also noted coming out of side of pool adjacent to boiler room. Harbor did not observe oil coming from sidewall when onsite inspection was performed. Oil intrusion height was approximately 8' above pool floor (at tide level). Depth of pool is 10' below grade (during low tide, water level is below pool floor). Aquarium analyticals found #6 and #2 oil. (Onsite interviews showed both were stored onsite). Free product in well B2. Pipe in basement was removed and oil flowed freely out of pipe. Pipe was capped and disconnected from sewer line. 11/8/06-Vought-Conference call with Harbor Alletto, NY Aquarium (Burbach) and NY Aquarium Bob Gavlik. Aletto proposing to excavate and remove tanks and contaminated soil and DEC gave preliminary approval over phone, however required submission of work proposal and investigation results including installation of permanent monitoring wells at former tank location and between tank location and walrus pool. NY Aquarium will seal the walrus pool to ensure no further intrusion. During excavation of tanks, area will be closed off to pedestrian traffic to ensure no vapor issues. DEC will receive proposal for excavation by 12/11/06. 11/29/06-Vought-WCS is getting company in for next week to look at sealing pool. Oil does not intrude when pool is full. Last time pool was empty (approximately three weeks ago, water intruding through former oil intrusion location was sampled for petroleum fingerprint and came up as non-detect). Walruses still currently in the pool. Pool water was sampled in 9/06 and came up non-detectable via petroleum fingerprinting. Received scope of work from Harbor Alletto including 1)closure and removal of two (1000-gallon) # 6 fuel oil USTs and contaminated soil within 30 days 2)installation of monitoring wells and recovery wells and implementation of groundwater monitoring sampling plan upon approval by NYSDEC 3)submission of investigation report to DEC within 60 days. 12/11/06-Vought-Received call from Aletto and returned call confirming receipt and approving of letter on 11/29/06. Vought requested that DEC be contacted when excavation limits are reached and endpoint samples are being collected. 12/14/06-Vought-Received email from Aletto that WCS has contracted with Seaboard Waterproofing and Restoration for repairs to

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the walrus pool including saw cutting square patch and removing defective material, reapply concrete, smooth, epoxy seal and Poly Urea coating. Contractor expected to complete work by 12/23/06. Vought received email from Aletto requesting email approval of 11/29/06 workplan. Vought sent email approving of plan pending inclusion of collection of endpoint samples upon reaching terminus of excavation. 1/17/07-Vought-Performed site visit with Harbor Alletto and NY Aquarium Burbach. USTs were removed and vault bottom approximately 15' below grade and attached to building foundation (no interstitial soil between vault and building). Concrete staining noted in southwest corner of vault. No other cracks or stains in vault were noted. Harbor proposed installation of 13 wells (six 8 recovery wells, five in vault, one outside vault at impacted location- and seven four inch monitoring wells. Wells will be monitored weekly for first month and monthly thereafter for one year. PBS registration was updated with DEC Lombardo and email summary will be submitted to DEC. Water in walrus pool and walrus bloodwork showed non detect for petroleum constituents and walrus pool was sealed and currently operational. 1/18/07-Vought-Received and reviewed scope of work submitted by Harbor Alletto for above scope of work. Vought sent email approving of scope of work pending inclusion of soil and groundwater sampling for EPA Method 8270 and submission of quarterly monitoring reports versus the proposed monthly report submission. 1/24/07-Vought-Received revised workplan from Harbor (Aletto) including above requirements from 1/18/07. Sent email confirmation of receipt and approval. 2/2/07-Vought-Received call from Aletto and well installation of seven wells and five observations was completed. No PID readings on any soil samples and no staining observed. Groundwater samples were collected and no free product observed. ISR will be submitted within 30 days. Waiting for NY Aquarium for approval for further monitoring. 10/20/08-Vought-To date file review by Vought: Investigation Summary Report (Harbor) dated 8/1/07 and received on 8/2/07. Work included performance of GPR survey to determine presence of USTs and adjacent utilities, well installation, UST closure, development and sampling of seven monitoring wells and installation of one recovery well and five groundwater observation wells. Two USTs found were filled with non-hazardous petroleum contaminated water, soil and debris. PVC pipe that contained residual oil in the basement was capped after being cleaned out. From December 26, 2006 to January 19, 2007, Seaboard Waterproofing and Restoration of Port Chester, New York performed repairs to the interior of the Walrus Pool Exhibit to prevent the infiltration of groundwater as outlined below including sawcutting infiltration location, replacement of concrete and liner and application of Poly Urea coating. Removal of approximately 196 tons of contaminated soil. UST excavation was backfilled with recycled stone backfill and five observation wells were also installed in excavation. Seven monitoring wells and one recovery well were installed to a depth of 25'bg. Well monitoring events were performed on 2/8/07, 2/15/07, 2/22/07, 3/1/07, 4/2/07, 5/3/07, 6/7/07 and no free product was found in any of the wells. Report recommended continuation of groundwater monitoring and sampling on quarterly basis due to VOC exceedence in groundwater. Groundwater analyticals show: 3.8ppb benzene(B2), 54ppb naphthalene(B2), 10ppb DCE(B5), 21ppb DCE(B6), 7ppb TCE(B6), 34ppb DCE(B7), 18ppb TCE(B7), 31ppb DCE(B8), 75ppb DCE(MW1), 69ppb TCE(MW1), 42ppb DCE(MW2), 40ppb TCE(MW2), 41ppb DCE(MW3), 56ppb TCE(MW3), 34ppb DCE(MW4), 22ppb TCE(MW4), 132ppb benzene(RW1). Groundwater at depth of 11'bg. Report (Harbor) dated 9/21/07 and received on 9/24/07. Report includes site plan, soil and groundwater

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analyticals and monitoring data. Groundwater analyticals show: 90ppb DCE(MW1), 85ppb TCE(MW1), 48ppb DCE(MW2), 21ppb TCE(MW2), 26ppb DCE(MW3), 8ppb TCE(MW3), 73ppb DCE(MW4), 52ppb TCE(MW4), 312ppb benzene(RW1). Note that chlorinated solvent concentrations have increased in wells MW1, MW2, MW4 during last three sampling events. Report (Harbor) dated 5/8/08 and received on 5/8/08. Groundwater analyticals show: 23ppb DCE(MW1), 198ppb TCE(MW1), 33ppb DCE(MW2), 60ppb TCE(MW2), 86ppb benzene(MW3), 83ppb benzene(MW4), 76ppb benzene(MW5), 74ppb benzene(MW6), 67ppb benzene(MW7), 76ppb benzene(RW1). 10/20/08-Vought-After discussion with DEC Austin, DEC requires: 1)additional monitoring and sampling of wells due to presence of chlorinated solvents and indications of dissolved contamination of benzene showing up in wells MW3, MW4, MW5, MW6, MW7 2)Phase I and surrounding area site plan including possible onsite and off-site sources of chlorinated solvents 3)sampling of the Walrus Pool. Vought called and spoke to Alletto and discussed requirement of additional monitoring and sent letter stating same. Vought called and left message for WCS Burbach with summary of additional requirement of continued monitoring. 11/12/08-Vought-Received email from WCS Burbach that she understands they will perform continued monitoring required for VOCs and SVOCS due to chlorinated solvents in groundwater. Request to confirm biweekly groundwater monitoring not required. It is the intention of WCS to prepare Phase I report in house. Please confirm whether the DEC has any objections or requires a third party to prepare the Phase I. Your letter also indicates that there is concern regarding the presence of benzene in the wells. My review of the data shows the presence of benzene in only one well during one sampling period, i.e., slightly elevated levels of benzene (1.05 ug/l) in RW-1 during the 12-11-07 sampling event. During the next sampling event, the benzene level in RW-1 (and all other wells) was below the detection level. It is our belief that benzene is not a concern in the groundwater at this site. Vought called Burbach and left message to confirm that biweekly monitoring no longer required and that Phase I report prepared in house is acceptable and benzene continued requirement due to it being present in groundwater in most recent analyticals up to 86ppb and may reflect an increasing trend to be determined by further sampling. 7/2/10 - Raphael Ketani. I received the case in early June 2010. I reviewed the March 2, 2010 package of data. The data package contains analytical reports dated June 9, 2009, and September 2009. Analytes that are consistently appearing in succeeding rounds of groundwater sampling from wells MW-1 to MW-4 are 1,1,1-trichloroethane, 1,1-dichloroethane (parts per billion in the 20s to 60s). 1,1-dichloroethene appeared in one well in several later rounds. Two phthalate species consistently appear in the samples. Bis(2-methylhexyl)phthalate is up to 60 ppb and di-n-butylphthalate is consistently at about 7 ppb. There are occasional hits of pentachlorophenol. Wells MW-5 to MW-7 have been free of chlorinated solvents. These wells just have a little phthalate. RW-1 has consistently had acetone, 57 ppb in the September 2009 round, and 40 ppb of phenol in the September 2009 round. It is not clear why the chlorinated solvents are appearing in wells MW-1 to MW-4. From the maps in the record, these wells are downgradient from the other wells which don't have solvents. However, they are just upgradient from the edge of the tanks for the walrus and seal exhibit. Wells MW-1 to MW-3 are downgradient from a grating that is depicted on the maps. Though well MW-4 is not and this well sometimes has higher chlorinated solvent hits than the others. RW-1 also doesn't have chlorinated solvent hits, but it does have consistent acetone hits. It may be that the liners for the walrus and seal tanks

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(or the tanks themselves) are deteriorating and releasing chemicals in the vicinity of MW-1 to MW-4. The acetone at RW-1 may be due to some cleaning solvent that is getting accidentally spilled into the grating. I spoke to Michael Alletto, President of Harbor Environmental Corporation (212) 888-1984, ext 11, regarding the March 2, 2010 data package. He said that the staff from the Wildlife Conservation Society tried to figure out whether the chlorinated solvents were coming from something they use that was somehow getting into the groundwater, but they were unsuccessful. Mr. Alletto also said that he had no idea where the acetone was coming from, either. I asked whether another round of groundwater sampling was going to take place, as the last sampling took place during September 2009. Mr. Alletto said that no more sampling was going to be done. He said that the sampling was just for oil monitoring. He said that the WCS was supposed to submit a Phase I to DEC. I told him that we never received it. He added that Jeff Vought told him in an e-mail that the oil spill case would be closed and a new case would be opened in Hazardous Materials, if they will accept the case. I told him that I wasn't so sure about this and that Mr. Vought has been keeping the chlorinated solvent cases that were previously part of his case load. After this, the conversation ended. (Brenda Burbach (bur-back) (718) 220-7153 of WCS is the contact in their Environmental Division) 7/7/10 - Raphael Ketani. I had a conversation with Mr. Vought, who is now an Engineering Geologist I with Unit A of Region 2 DER. I pointed out that there are only chlorinated solvents showing up in the groundwater. He said that he will talk to his unit manager, Jane O'Connell and see whether the case should be transferred. A little while later, Mr. Vought told me that Ms. O'Connell had told him that the case should be transferred to him as he is dealing with the chlorinated solvent P cases. The data in the March 2, 2010 report indicates that the oil contamination has been remediated and that only chlorinated solvent contamination exists in the groundwater. Therefore, with the permission of Ms. O'Connell, I am closing the oil spill part of the case and transferring the case back to Mr. Vought in Unit A Region 2 DER for oversight and management.

01/12/2012-Begum- Intern for DEC Vought. As found on the DOB website, the address was listed as 801-803 Surf Ave. and 2986 West 8th street. Addresses were entered into the spill number. The spills found around that site are the following: Closed spill- 9711436(hydraulic leak) and closed spill-0713219 (1 qt oil in drain) PBS-2-601768- One UST- 10,000 gal #2 fuel oil in service. Four UST closed tanks(550 gal gasoline, 550 gal of diesel, 10,000 gal of num 2 oil, and 10,000 gal of num 2 oil.) CBS- 2-000034- 2 AST of 500 gal of sodium hydrochlorite in service and 2 closed AST (300 gal and 200 gal of sodium hypochlorite) 1/14/2011-Begum-Performed record search- DEC e-smart- Coney Island Aquarium: RCRA ID: NYD 986898989. Surrounding facilities manifest includes: waste paint, waste activated carbon, lithium, aluminum, hydride, aerosols, waste flammable corrosive liquids, mercury compounds, ethyl ether, petroleum distillates, mineral spirits, oxidizing solid, sodium cyanide, formaldehyde, flammable liquids, potassium cyanide, corrosive acidic organic liquid/solid, corrosive basic, organic liquid. Con- Ed- (Surf ave and 50th st) manifest- polychlorinated biphenyls, lead/PCB sludge). EPA enviofacts- Registry ID: 110008039069, printed out facility report (shows no violations/ penalties.) NYSDOH Day Care- searched by zipcode (11224) found 36 listings. Terradex- YWCA- NYC After School (P.S 90) address: 2840 W 12th St. NYCDOH- not available. ScoreCard- searched, nothing found 1/19/2011- Begum- Complete file review by Begum 2006: Initial Spill Report- 8/29/06- Noticed oil coming up an

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exhibit floor might be fm 2 abandoned oil tanks. Staff found 2 (10,000 gal) abandoned tanks, and staff says seeping came fm ground near one of exhibits, traced back to 2 old tanks 9/5/06- Vought sent letter to Brenda J. Burbach, Wildlife Conservation Society. DEC required the following: 1)Delineation of Soil and Groundwater Contamination (one boring b/w UST and walrus exhibit and one boring b/w UST and boiler room.) 2)Investigation of PVC Pipe in Boiler Room 3)Submission of updated PBS application (registration must reflect the discovery and closure of abandoned USTs. 4)Collection of soil endpoint samples from limit of excavation Letter received fm Harbor Environmental Corporation-9/29/06 - claim to perform remedial acts: 1)Removal of two 10,000 gal undergr fuel oil petroleum storage tank and remediation of petroleum contamination. (completion of field activities- ~45 days) 2) Furnishing, construction, development, sampling, and monitoring of groundwater monitoring wells (MW) and recovery wells (RW). Will prepare an installation, sampling, and monitoring plan. (~ 60 days) 3)Preparation and submission of Investigation Summary Report (ISR) 2007: Letter from Harbor to Vought-01/17/2007- states the installation of wells. There are 7 groundwater MWs depth of 25 below grade (6.25 hollow- stem auger), screen length (20 ft) and set min 10 ft into groundwater. One groundwater RW installed 25 below grade (10.25 hollow stem auger), screen length is min 20 and min 10 into groundwater. 5 Observation wells s depth of 15 within the former UST vault, screen is min 10 .Two samples collected fm each MW and RW. Collection of one gw sample fm each MW and RW. The wells will be monitored every week for first 4 weeks if no floating product found, then it will be monitored every month for a yr. Investigation Summary Report- 8/1/2007-The Wildlife Conservation Society submitted the NYSDEC PBS application for substantial tank modification on Sept 6 2006. Aqueous Sample fm Walrus Pool Exhibit was taken on Sept 14 2006 and found conc of fuel oil and kerosene. The wipe sample from the walrus pool had 450 ppm of fuel oil. Underground facilities were identified (Con Edison, cable) and located. HARBOR remedial action plan submitted to NYSDEC. The nonhazardous petroleum contaminated water was sent to AB for treatment and disposal. The contaminated soil was sent to Clean Earth. Report also contained historical summary noting that Harbor Environmental on 1/18/07, submitted a gw well construction, sampling and monitoring plan to NYSDEC and DEC approved plan. LIAL performed gw monitoring of the MW s and RW and there were no floating product found. Soil Analyticals (Boring analytical: 9/06 and MW, RW

analytical: 1/07 and 6/07) show (0.0005 ppm methyl chloride RW1), 3.931 ppm Benzo(a)anthracene (B4), 3.777 ppm Benzo(a) pyrene (B4), 4.433 ppm Benzo(b)fluoranthene (B4), 1.786 ppm of Benzo(k)fluoranthene (B4), and 3.58 ppm chrysene (B4), 0.49 ppm dibenzo(a,h)anthracene (B4), 1.838 ppm Benzo(a)anthracene (MW1), 1.765 ppm Benzo(a)pyrene (MW1), 2.346 ppm Benzo(b)fluoranthene (MW1), 2.382 ppm chrysene (MW1). GroundWater Analyticals (Boring analytical: 9/06 and MW, RW analytical: 1/07 and 6/07) show 3.8 ppb benzene (B2), 10 ppb 1,1 dichloroethane (B5), 21 ppb 1,1 dichloroethane (B6), 7 ppb 1,1,1 trichloroethane (B6), 34 ppb 1,1 dichloroethane (B7), 18 ppb 1,1,1 trichloroethane (B7), 16 ppb xylenes (B7), 31 ppb 1,1 dichloroethane (B8), 75 ppb 1,1 dichloroethane (MW1), 69 ppb 1,1,1 trichloroethane (MW1), 42 ppb 1,1 dichloroethane (MW2), 40 ppb 1,1,1 trichloroethane (MW2), 41 ppb 1,1 dichloroethane (MW 3), 56 ppb 1,1,1 trichloroethane (MW3), 34 ppb 1,1 dichloroethane (MW4), 22 ppb 1,1,1 trichloroethane (MW4), 8 ppb methylene chloride (MW4). 132 ppb benzene (RW1), 54 ppb naphthalene (B2), 10 ppb pentachlorophenol (B8), 33 ppb bis (2-ethylhexyl)phthalate (MW3), 34 ppb

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bis(2-ethylhexyl)phthalate (MW5) NOTE: Two samples were taken for the MWs, one on 1/07 and another on 6/07. The concentration of contaminants increased. Letter send fm HARBOR to Vought-9/21/07- Sent site/sample location plan (Gw MW, RW), soil/gw lab analytical result, Long Island Analytical Lab analysis report (9/12/07) and Long Island Analytical Lab gw monitoring data (7/05/07) Letter send fm HARBOR to Vought- 05/08/2008- Sent site/sample location plan (Gw MW, RW), soil/gw lab analytical result, Long Island Analytical Lab analytical results dated 12/11/2007, 3/10/08. and Long Island Analytical Lab gw monitoring dated 10/17/2007, 11/08/2007, 12/6/2007, 1/10/2008, 2/8/2008, 3/6/2008. Letter to Brenda, Wildlife Conservation Society from Vought- 10/21/2008- DEC requires a continuation of the biweekly groundwater monitoring and quarterly submission of reports. Due to presence of chlorinated solvents DEC requires quarterly sampling of MW as well. DEC also requires a Phase I report. DEC requires sampling of the walrus pool due to the presence of chlorinated solvents and historical infiltration of petroleum contamination into the pool. These results were to be forwarded to the Department s Fish and Wildlife Unit. Letter to Brenda fm Vought- 11/18/2008- DEC no longer required biweekly monitoring for free product due to the absence of free product. WCS wanted to prepare a Phase I report in the house and the DEC had no objections. Benzene was detected in one of the well (1.05 ppb) but during the next sampling event, the benzene level was below detection level. Letter to Vought fm HARBOR- 3/2/2010- The following historical and updated results were sent: Site/Sample location Plan, Soil/ GW Laboratory Analytical Results, LIA Results from 6/9/09 and 9/3/09. MW and RW sample fm 9/6/07- the depth of the well b/w 5-13 ft bg. 90 ppb DCA (MW1), 85 ppb TCA (MW1), 48 ppb DCA (MW2), 5 ppb DCE (MW2), 21 ppb TCA(MW2), 29 ppb DCA (MW3), 6 ppb TCA(MW3), 73 ppb DCA (MW4), 52 ppb TCA (MW4), 312 ppb acetone (RW1) MW and RW sample fm 12/05/2008- 55 ppb DCA (MW1), 22 ppb TCA(MW2), 76 ppb DCA (MW2), 15 ppb TCA (MW2), 7 ppb DCE(MW2), 40 ppb DCA (MW3), 37 ppb DCA (MW4), 33 ppb TCA (MW4), 51 ppb acetone (RW1). MW and RW sample fm 9/1/2009- 28.6 ppb DCA (MW1), 20.4 ppb TCA (MW1), 61.7 ppb DCA (MW2), 7.4 ppb DCE (MW2), 21 ppb TCA (MW2), 22 ppb DCA (MW3), 14 ppb TCA (MW3), 39 ppb DCA (MW4), 49 ppb TCA (MW4), 57 ppb acetone (RW1). 2/3/11-Vought-Intern Begum completed file review and summary site plans and meeting scheduled with RHWRE, intern and PM for 2/10 to discuss Site classification. 2/10/11-Vought-Meeting cancelled as intern not in office. Meeting to be rescheduled upon determination of intern availability. DEC possibly requires: 1)reregistration of PBS showing #6 3/14/11-Vought-Meeting with Intern Begum, PM and RHWRE. As per RHWRE following needs to be performed: record check for the presence and recovery of petroleum free product; possible referral to DEC Albany for plume trackdown; researching of DCA to find possible uses and local sources; scanning of site maps and arrangement of meeting with RHWRE, intern, PM and DEC Cozy to discuss site classification. 3/15/11-Vought-Scanned Site plans and sent them to DEC Cozy and RHWRE with appointment for 3/17 to discuss site classification. 3/17/11-Vought-Teleconference with DEC Cozy, RHWRE, DEC Vought and Intern Begum. Discussion included notes that no groundwater use on site, no demonstrated disposal of TCA and DCA. Intern Begum to exmaine Sanborn Maps, EPA EnviroFacts and possible plastic manufacturing facilities in vicinity of site (as TCA and DCA associated with plastic production). Begum to also examine degradation sequence of TCA and DCA to examine for possible parent/daughter products and hence possibly determine source. 4/6/11-Vought-Completed and transmitted NYS Library Borrowers Card Application to obtain Sanborn Maps. 4/11/11-Vought-Received NYS

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Library Card and Intern Begum began search for historical Sanborn Maps. 5/12/11-Vought-Intern Begum found historical Sanborns from Circa 1930 that showed no sources of DCA or TCA. Begum and PM discussed findings with RHWRE who noted that P-Site Plume Trackdown email package to be prepared for transmission to DEC Cozzy. Intern Begum drafted P-Site Email package and PM reviewed and approved and emailed to RHWRE for review edits and approval. 8/8/11-Vought-RHWRE sent P-site package via email to DEC Cozzy including summary of site information as well as figures illustrating data and note that if DEC Cozzy concurs than request to notify SCS to generate a site code. 11/3/11 - Austin - Spill Transferred from Vought to Ahmed, as part of staff transfers - end "

Remarks: "NOTICED OIL COMING UP TRU A FLOOR: IT MIGHT BE COMING FROM TWO ABANDONDED OIL TANKS:"

All Materials:

Site ID: 369464  
Operable Unit ID: 1127301  
Operable Unit: 01  
Material ID: 2116894  
Material Code: 2366A  
Material Name: 1,1,1,2-tetrachloro-2,2-difluoroethane  
Case No.: 00076119  
Material FA: Hazardous Material  
Quantity: Not reported  
Units: G  
Recovered: .00  
Oxygenate: Not reported

Site ID: 369464  
Operable Unit ID: 1127301  
Operable Unit: 01  
Material ID: 2117495  
Material Code: 0066A  
Material Name: unknown petroleum  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: G  
Recovered: .00  
Oxygenate: Not reported